

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Chad Thorson on Wednesday, July 1, 2009.

### **IN THE CLAIMS**

Please **AMEND** the following claims: 7, 10, 12, 37, 39

Please **CANCEL** the following claims: 1-6, 8-9, 11, 14-36, 38, 43, 45-46, 48-53

7. (Currently Amended) The method of claim 13-4 in which the file is received from an origin server associated with the file.

10. (Currently Amended) The method of claim 13-9 in which the subdocuments are served to the client using a hypertext transmission protocol.

12. (Currently Amended) The method of claim 13-4 also including identifying a portion of the document that is to be displayed separately from the rest of the document,  
the portion of the document that is to be displayed separately being excluded from the subdocument in which the portion would otherwise have appeared, the portion

Art Unit: 2457

of the document that is to be displayed separately being included in at least one corresponding subdocument, and

when the subdocument in which the portion would otherwise have appeared is served to the client device, embedding a graphical device that can be invoked by the user to retrieve the subdocument that includes the portion of the document that is to be displayed separately.

37. (Currently Amended) Apparatus comprising:

a processor and memory including computer program code, the memory and the computer program code configured to, with the processor, cause the apparatus to perform:

receiving, from an origin server, a machine readable file containing a document that is to be served to a client for display on a client device, the file being expressed in a language that does not organize segments of the document in a hierarchy,

converting the file to a language that organizes segments of the document in a hierarchy,

traversing the hierarchy and assembling subdocuments from the segments, at least some of the subdocuments being assembled from more than one of the segments, the assembling conforming to an algorithm that tends to (a) balance the respective sizes of the subdocuments, (b) favor assembling the subdocuments from

Art Unit: 2457

segments that have common parents in the hierarchy, and (c) assemble the subdocuments from segments for which replications of nodes in the hierarchy is not required,

at least one of the subdocuments being expressed in a format that permits it to be served separately to the client, at least one of the subdocuments containing information that enables it to be linked to another one of the subdocuments, and serving the subdocuments to the client individually as requested by the client based on the contained information that enables it to be linked to another of the subdocuments.

39. (Currently Amended) A machine-readable program stored on a machine-readable medium and capable of configuring a machine to:

receive, from an origin server, a machine readable file containing a document that is to be served to a client for display on a client device, the file being expressed in a language that does not organize segments of the document in a hierarchy,

convert the file to a language that organizes segments of the document in a hierarchy,

traverse the hierarchy and assemble subdocuments from the segments, at least some of the subdocuments being assembled from more than one of the segments, the assembling conforming to an algorithm that tends to (a) balance the respective sizes of the subdocuments, (b) favor assembling the subdocuments from segments that have

Art Unit: 2457

common parents in the hierarchy, and (c) assemble the subdocuments from segments for which replications of nodes in the hierarchy is not required,

at least one of the subdocuments being expressed in a format that permits it to be served separately to the client, at least one of the subdocuments containing information that enables it to be linked to another one of the subdocuments, and

serve the subdocuments to the client individually as requested by the client based on the contained information that enables it to be linked to another of the subdocuments.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BARBARA N. BURGESS whose telephone number is (571)272-3996. The examiner can normally be reached on M-F (8:00am-4:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2457

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Barbara N Burgess/  
Examiner, Art Unit 2457

Barbara N Burgess  
Examiner  
Art Unit 2457

July 1, 2009

/ARIO ETIENNE/  
Supervisory Patent Examiner, Art Unit 2457